



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/559,469	04/26/2000	Shinichi Kudo	Q59040	1492

7590 11/04/2002

Sughrue Mion Zinn MacPeak & Seas PLLC  
2100 Pennsylvania Avenue NW  
Washington, DC 20037-3202

EXAMINER

NGUYEN, BINH AN DUC

ART UNIT	PAPER NUMBER
----------	--------------

3713

DATE MAILED: 11/04/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/559,469

Applicant(s)

KUDO, SHINICHI

Examiner

Binh-An D. Nguyen

Art Unit

3713

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 19 August 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_ 6) ☐ Other: \_\_\_\_\_

Art Unit: 3713

### DETAILED ACTION

1. The Amendment filed in Paper No. 11, August 19, 2002 has been received.

According to the Amendment, claims 10 and 11 have been added. Currently, claims 1-11 are pending in this application. Acknowledgment has been made.

2. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

3. Claims 10 and 11 are rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. In claims 10 and 11, the limitation of "said character is unable to fight using said weapon in the moving mode" has not been originally disclosed in the specification.

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rieder (5,769,718).

Art Unit: 3713

Rieder teaches a video game device and method comprising an image of a player character, images of non-player characters (antagonist characters), and background images; predetermining a plurality of operational modes which are assigned to player character (fighting mode, moving mode, etc.), and preparing an image corresponding to each operational mode; displaying an image of the player character corresponding to any one of plurality of operational modes and images of non-player characters, simultaneously with any one of the background images (Fig. 6); the image of the player character is an image displaying the player character in a state where it is carrying a weapon; a moving mode representing a state wherein the character moves while carrying the weapon (Fig. 5). See Figures 4-8 and columns 2:11-5 and 5-8.

Regarding the limitations of displaying an image of the player character corresponding to any one of said plurality of operational modes together with images of non-player characters with both the images of the player and the non-player characters kept unchanged; and background images that display scenes adjacent to each other in location (claims 1, 4, and 7-9), these limitations are inherently known, e.g., player character and non-player characters moving in a three dimensional maze or room to room wherein adjacent background or continuous background being displayed.

Further, regarding the limitations of restricting the switching of the background images from the start until completion of an operational mode (claims 1, 4, 7, 8, and 9); information relating to background images is determined on the basis of the video RAM capacity of the video device (claims 2 and 5); the image of the player character is an image displaying the player character in a state where it is carrying a weapon; a fighting

mode representing a state wherein the player character is able to fight using the weapon; and a moving mode representing a state wherein the character moves while carrying the weapon (claims 3 and 6), these limitations are notoriously well known in the gaming industry, e.g., in Street Fighter a particular background (stage) is displayed while characters are fighting or providing the players an option to pick a certain stage from a particular country for a fight.

Furthermore, regarding the limitation of "said character is unable to fight using said weapon in the moving mode" (claims 10 and 11), this limitation is notoriously well known by the video game in the events such as no fighting command being issued from the controller by the game player or the game character ran out of munitions, etc.

Thus, it would have been obvious to a person of ordinary skill in the art at the time of the invention to modify Rieder's video game device and method, using basic design principles of controlling images in video combat games, to come up with a better video game device and method which has a faster image process.

6. Applicant's arguments filed in Paper No. 11 have been fully considered but they are not persuasive. Applicant's request for documentary evidence of well-known art, i.e., Street Fighter, is hereby provided. As stated in paragraph numeral 5 above and being explained herein in view of a popular video game, Street Fighter anticipates the claimed well known limitations of restricting the switching of the background images from the start until completion of an operational mode (claims 1, 4, 7, 8, and 9), e.g., in Street Fighter after the game assigned (or user selected) a fighting stage (background images

Art Unit: 3713

with continuous scenes) is being displayed; information relating to background images is determined on the basis of the video RAM capacity of the video device (claims 2 and 5) (e.g., the more space available the faster the video process and better image quality); the image of the player character is an image displaying the player character in a state where it is carrying a weapon; a fighting mode representing a state wherein the player character is able to fight using the weapon; and a moving mode representing a state wherein the character moves while carrying the weapon (claims 3 and 6), e.g., game character Geki carrying a claw and throwing star attacks, or Vega with metal claw.

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Art Unit: 3713

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Binh-An D Nguyen whose telephone number is 703-305-5713. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Valencia Martin-Wallace can be reached on 703-308-4119. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-3580 for regular communications and 703-308-7768 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0858.

BN

  
S. THOMAS HUGHES  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3700